Prelimnary Analysis

Load libraries and data

#Below I will rename some column names

#Below I will fix age issue

https://ggplot2.tidyverse.org/reference/lims.html   http://www.sthda.com/english/articles/24-ggpubr-publication-ready-plots/81-ggplot2-easy-way-to-mix-multiple-graphs-on-the-same-page/
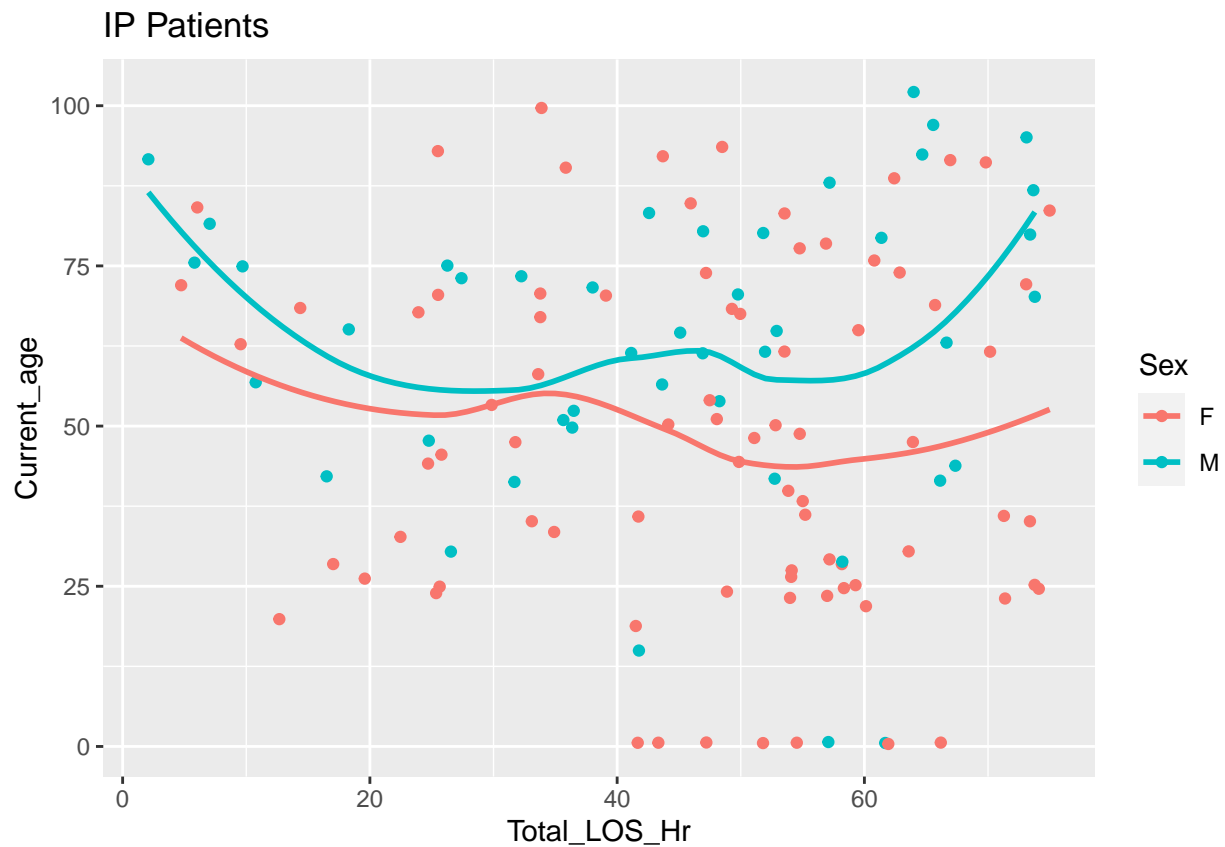
Below are some quick viz that can be shared

```
OBS_MF_LOS <- ggplot(COVID_OBS, aes(x = Total_LOS_Hr, y = Current_age, color = Sex)) + ggtitle("OBS Pat:

IP_MF_LOS <- ggplot(COVID_IP, aes(x = Total_LOS_Hr, y = Current_age, color = Sex)) + ggtitle("IP Patient
IP_MF_LOS
```

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```
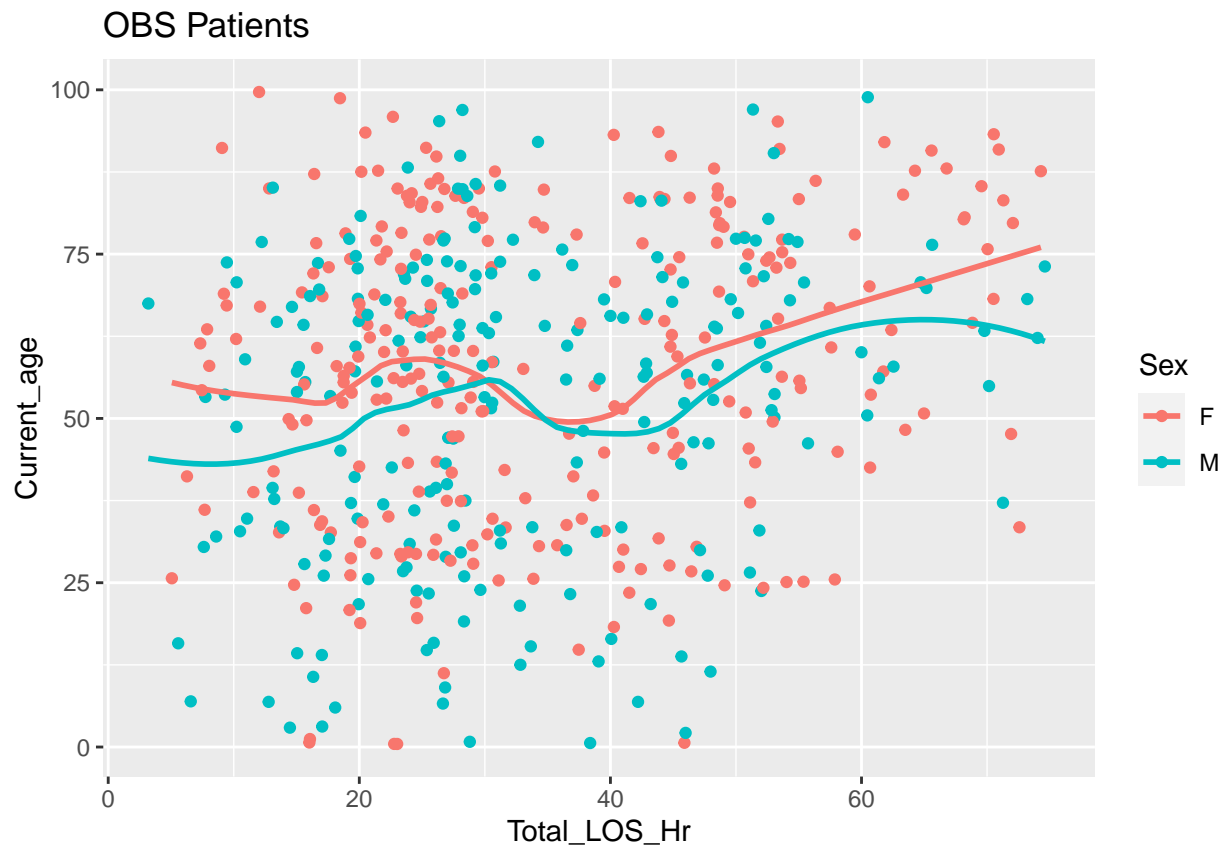
```
## Warning: Removed 311 rows containing non-finite values (stat_smooth).
```

```
## Warning: Removed 311 rows containing missing values (geom_point).
```

IP Patients

OBS_MF_LOS

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'

## Warning: Removed 19 rows containing non-finite values (stat_smooth).

## Warning: Removed 19 rows containing missing values (geom_point).
```

OBS Patients

Below will arange my gg plots